

On the Makarov law of the iterated logarithm

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Abstract

We obtain considerable improvement of Makarov's estimate of the boundary behavior of a general conformal mapping from the unit disk to a simply connected domain in the complex plane. We apply the result to improve Makarov's comparison of harmonic measure with Hausdorff measure on simply connected domains. © 2007 American Mathematical Society.

<http://dx.doi.org/10.1090/S0002-9939-07-08772-2>

Keywords

Conformal mapping, Law of the iterated logarithm